



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. S DEVARAJ	Department:	Aeronautical Engineering
Regulation:	IARE - R20	Batch:	2022-2026
Course Name:	Computer Aided Engineering Drawing	Course Code:	AMEC03
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:


Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Illustrate bureau of Indian standards conventions of engineering drawing with basic concepts, ideas and methodology for different geometries and their execution.	0.30	0.00	0.3	Not Attained
CO2 Apply the commands used in AutoCAD for development of multi-aspect sketches, additional and sectional view.	0.30	0.00	0.3	Not Attained
CO3 Construct parabolic, Hyperbolic and elliptical curves for profiles like buildings and bridges. Construct Cycloidal and involutes profiles for developing new products like gears and other engineering applications.	0.30	0.00	0.3	Not Attained
CO4 Explain various types of scales for engineering applications like maps, buildings, bridges.	0.30	0.00	0.3	Not Attained
CO5 Explain the concept of projection of solids inclined to both the planes for interpretation of different views and orthographic projection concepts in solid modeling	0.30	0.00	0.3	Not Attained
CO6 Recall the orthographic projection concepts in solid modeling for use in conversation to isometric and Vice-versa	0.30	0.00	0.3	Not Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

- CO1: Additional practice on basic concepts of engineering drawing are to be provided.
CO2: Additional practice sessions on AutoCAD are to be planned.
CO3: Additional reading materials on conic profiles are to be provided.
CO4: Additional reading material on scales used in engineering drawing are to be provided.
CO5: Digital content on projection of solids are to be provided for better understanding.
CO6: Additional practice sessions are to be planned on isometric projections.


Course Coordinator


Mentor


Head of the Department
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